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CURRENT Essentials of Medicine, Fourth Edition - Lawrence Tierney 2010-11-12

The perfect quick reference on the wards and in the clinic! The famous "one disease per page" design! CURRENT Essentials of Medicine is a practical, point-of-care pocket handbook that offers "nutshell" information on the diagnosis and treatment of more than 500 medical disorders seen in both primary care and hospital settings. Perfect as a quick reference on the wards or in a busy clinic, this is THE ONLY pocket guide to offer disease essentials in a one-disease-per-page bulleted format. Practical pearls, for which the authors are well known, are offered for almost all conditions. Features To-the-point information on the diagnosis and treatment of more than 500 of the most common diseases seen in clinical practice Convenient one-disease-per page presentation Bulleted data for each disease covering Essentials of Diagnosis, Differential Diagnosis, Treatment, Pearl, and Reference Encompasses both ambulatory and inpatient medicine Includes internal medicine, plus specialties such as obstetrics/gynecology, surgery, and pediatrics Updated clinical manifestations, diagnostic tests, and treatment considerations throughout

Troubleshooting and Repair of Diesel Engines - Paul Dempsey 2007-11-05

Harness the Latest Tools and Techniques for Troubleshooting and Repairing Virtually Any Diesel Engine Problem The Fourth Edition of Troubleshooting and Repairing Diesel Engines presents the latest advances in diesel technology. Comprehensive and practical, this revised classic equips you with all of the state-of-the-art tools and techniques needed to keep diesel engines running in top condition. Written by master mechanic and bestselling author Paul Dempsey, this hands-on resource covers new engine technology, electronic engine management, biodiesel fuels, and emissions controls. The book also contains cutting-edge information on diagnostics...fuel systems...mechanical and electronic governors...cylinder heads and valves...engine mechanics...turbochargers...electrical basics...starters and generators...cooling systems...exhaust aftertreatment...and more. Packed with over 350 drawings, schematics, and photographs, the updated Troubleshooting and Repairing Diesel Engines features: New material on biodiesel and straight vegetable oil fuels Intensive reviews of troubleshooting procedures New engine repair procedures and tools State-of-the-art turbocharger techniques A comprehensive new chapter on troubleshooting and repairing electronic engine management systems A new chapter on the worldwide drive for greener, more environmentally friendly diesels Get Everything You Need to Solve Diesel Problems Quickly and Easily • Rudolf Diesel • Diesel Basics • Engine Installation • Fuel Systems • Electronic Engine Management Systems • Cylinder Heads and Valves • Engine Mechanics • Turbochargers • Electrical Fundamentals • Starting and Generating Systems • Cooling Systems • Greener Diesels

The Root Canal Anatomy in Permanent Dentition - Marco A. Versiani 2018-07-25

This book describes the most commonly methods used for the study of the internal anatomy of teeth and provides a complete review of the literature concerning the current state of research employing contemporary imaging tools such as micro-CT and CBCT, which offer greater accuracy whether using qualitative or quantitative approaches. In order to facilitate the management of complex anatomic anomalies, specific clinical protocols and valuable practical tips are suggested. In addition, supplementary material consisting in high-quality videos and images of different anatomies obtained using micro-CT technology is made available to the reader. The book was planned and developed in collaboration with an international team comprising world-recognized researchers and experienced clinicians with expertise in the field. It will provide the readers with a thorough understanding of canal morphology and its variations

in all groups of teeth, which is a basic prerequisite for the success of endodontic therapy.

Scars, Marks & Tattoos - Jacqueline Caruso 2021-03-31

I have physical scars from past surgeries, however, I have emotional scars as well. They were buried deep inside (hidden). It wasn't until my mother died was I able to "catch my breath" and to make sense of or process the emotional pain I had endured due to her prescription drug addiction, resulting in my own addictions.

Modelling and Control of Dialysis Systems - Ahmad Taher Azar 2012-08-04

The book, to the best of the editor's knowledge, is the first text of its kind that presents both the traditional and the modern aspects of 'dialysis modeling and control' in a clear, insightful and highly comprehensive writing style. It provides an in-depth analysis of the mathematical models and algorithms, and demonstrates their applications in real world problems of significant complexity. The material of this book can be useful to advanced undergraduate and graduate biomedical engineering students. This text provides an important focus on helping students understand how new concepts are related to and rely upon concepts previously presented. Also, researchers and practitioners in the field of dialysis, control systems, soft computing may benefit from it. The material is organized into 32 chapters. This book explains concepts in a clear, matter-of-fact style. In order to make the reader aware of the applied side of the subject, the book includes: Chapter openers with a chapter outline, chapter objectives, key terms list, and abstract. Solved numerical examples to illustrate the application of a particular concept, and also to encourage good problem-solving skills. More than 1000 questions to give the readers a better insight to the subject. Case studies to understand the significance of the joint usage of the dialysis modeling and control techniques in interesting problems of the real world. Summation and deepening of authors' works in recent years in the fields related. So the readers can get latest information, including latest research surveys and references related to the subjects through this book. It is hoped that through this book the reader will: Understand the fundamentals of dialysis systems and recognize when it is advantageous to use them. Gain an understanding of the wide range of dialysis modeling techniques Be able to use soft computing techniques in dialysis applications. Gain familiarity with online systems of dialysis and their applications. Recognize the relationship between conceptual understanding and problem-solving approaches. The editors would like to take this opportunity to thank all the authors for their contributions to this textbook. Without the hard work of our contributors, this book would have not been possible. The encouragement and patience of series Editor, Thomas Ditzinger is very much appreciated. Without his continuous help and assistance during the entire course of this project, the production of the book would have taken a great deal longer.

Advanced Cosmetic Otoplasty - Melvin A. Shiffman 2013-07-05

In this book, international experts present up-to-date techniques of otoplasty in which they have extensive personal experience. Both new and modified procedures are described with the aid of a wealth of high-quality illustrations. In addition to these detailed descriptions, ear embryology and anatomy, psychological issues, postoperative care, possible risks and complications, and outcomes are extensively covered in order to provide the reader with a state of the art account of all aspects of cosmetic otoplasty. Throughout, the contributors are inventive and eloquent in guiding the reader to a better understanding that optimal results of otoplasty will be achieved only with a more refined approach than the routine use of simplified techniques. This book will be of value to both students (residents and fellows) and experienced cosmetic,

plastic, maxillofacial, and general surgeons.

Technology-dependent Children - 1987

Advanced Combustion Techniques and Engine Technologies for the Automotive Sector -

Akhilendra Pratap Singh 2020

This book discusses the recent advances in combustion strategies and engine technologies, with specific reference to the automotive sector. Chapters discuss the advanced combustion technologies, such as gasoline direct ignition (GDI), spark assisted compression ignition (SACI), gasoline compression ignition (GCI), etc., which are the future of the automotive sector. Emphasis is given to technologies which have the potential for utilization of alternative fuels as well as emission reduction. One special section includes a few chapters for methanol utilization in two-wheelers and four wheelers. The book will serve as a valuable resource for academic researchers and professional automotive engineers alike.

Microsoft Office 2010 - Gary B. Shelly 2012-06

MICROSOFT OFFICE 2010: INTRODUCTORY provides a project-based, step-by-step approach to teaching the Office 2007 applications.

The RV Lifestyle Manual - Jeremy Frost 2020-03-06

Want More Freedom and Travel in Your Life? Read on to Discover an Increasingly Popular Lifestyle That's Surprisingly Affordable. In the words of Bob Dylan, "The Times They Are A Changin'." And while this sentiment will always be true, right now it means some pretty exciting things are happening. They have the potential to revolutionize lifestyle and dramatically increase your quality of life. Ubiquitous technologies and flexible societal structures have created opportunities that were previously unimaginable. For example, remote and freelance work has become incredibly common and highly popular given its desirable flexibility and convenience. The RV lifestyle takes these ideals a step further. Living entirely in an RV, you untether completely from a traditional home base and start having a new experience of life. Despite what you might think, the RV lifestyle isn't just for the wealthy or the retired. While it's an alternative living arrangement, you can still continue to work, have a place to come home to every night, and raise a family. 9 million families in the US currently own an RV. Of those, nearly half a million live in theirs full time. This trend is only increasing. It's a fantastic opportunity to get out of the daily grind with more... Freedom Travel Connection to nature and outdoor activities Focus on experiences and relationships (rather than stuff) ...and adventure. It just takes some preparation, adjustment, and investment to get everything in place and in the swing of things. Though there's upfront effort and expenses, you'll end up saving time and more than \$5000 a year in the long run. "The RV Lifestyle Manual" helps you see if this is for you, get everything up and running, and plan while on the road. In the book, you'll discover: Tons of details and requirements covering every aspect of the RV lifestyle that most people don't think of until they're on the road Answers the riddle of how to live comfortably on the open road (easier than you think). Key requirements for earning an income while traveling Baby steps to downsizing your life and making money in the process RV Purchasing guide - what to look for in an RV based on your situation, intended use, and budget Unexpected things that come up regularly and how to deal with them like it's no big deal How to change things up to make RVing work with children and pets Surprisingly simple things you can do to make a small space feel bigger and homey. Planning your route with lesser-known campgrounds to save money and delight your soul. Frequently asked questions and concerns resolved And much more. Some people resist the idea of an RV lifestyle because it's different than conventional living. While the benefits are extraordinary, the apprehension about change and costs is understandable. By first learning about everything that's involved with the RV lifestyle, you can make an informed choice. Further, you can stagger the changes you're making so everything doesn't come all once. For instance, you can transition to working remotely, downsizing to a smaller fixed living arrangement, or renting an RV to experience it for a limited time. If you want to upgrade to a lifestyle that gives you more of what you're looking for in life, scroll up and click the Add to Cart button.

IAP Specialty Series on Paediatric Gastroenterology - Ashish Bavdekar 2013-01-30

Internal Combustion Engines - Institution of Mechanical Engineers 2014-10-10

This book presents the papers from the Internal Combustion Engines: Performance, fuel economy and emissions held in London, UK. This popular international conference from the Institution of Mechanical Engineers provides a forum for IC engine experts looking closely at developments for personal transport applications, though many of the drivers of change apply to light and heavy duty, on and off highway, transport and other sectors. These are exciting times to be working in the IC engine field. With the move towards downsizing, advances in FIE and alternative fuels, new engine architectures and the introduction of Euro 6 in 2014, there are plenty of challenges. The aim remains to reduce both CO2 emissions and the dependence on oil-derivate fossil fuels whilst meeting the future, more stringent constraints on gaseous and particulate material emissions as set by EU, North American and Japanese regulations. How will technology developments enhance performance and shape the next generation of designs? The book introduces compression and internal combustion engines' applications, followed by chapters on the challenges faced by alternative fuels and fuel delivery. The remaining chapters explore current improvements in combustion, pollution prevention strategies and data comparisons. presents the latest requirements and challenges for personal transport applications gives an insight into the technical advances and research going on in the IC Engines field provides the latest developments in compression and spark ignition engines for light and heavy-duty applications, automotive and other markets

Hepato-Pancreato-Biliary and Transplant Surgery - Quyen D Chu 2018-01-08

This unique textbook provides a concise and practical approach to clinical dilemmas involving the liver, pancreas, and biliary tree. Six major sections encompass (1) Hepatic, (2) Biliary, (3) Pancreas, (4) Transplantation, (5) Trauma, and (6) Innovative Technology. Each topic is written by recognized experts from an "e;experiential"e; viewpoint combined with evidence-based medicine. The book contains over 170 chapters and over 350 contributors. It is relevant to Surgical Oncologists, Hepato-Pancreato-Biliary (HPB) Surgeons, Transplant Surgeons, Traumatologists, HPB Interventionalists, General Surgeons, and trainees and students. The title of each chapter is in a form of a clinical scenario and each chapter begins with a Case Scenario and ends with Salient Points. Special debates are included in each section. There are numerous compelling images, detailed illustrations, comprehensive tables, thorough algorithms, and other adjunctive tools that enhance learning. The authors emanate from different corners of the world. The book is a valuable resource for faculty, students, surgical trainees, fellows, and all health care providers in the HPB/Trauma/Transplant/Oncology fields.

The True Adventures of Toopsie & Emilies - Erika Kristman 2022-01-24

The True Adventures of Toopsie and Emilies is a wonderful, cute, and funny tale about the bond between a woman and her beloved furry little friend. When love was found at a pet store that day the moment their eyes locked, the endless smiles and adventures began... And the rest is history!

Business Communication: Concepts, Cases and Applications (for Chaudhary Charan Singh University) - P. D. Chaturvedi 2011

Geriatric Gastroenterology - C. S. Pitchumoni 2012-07-26

As aging trends in the United States and Europe in particular are strongly suggestive of increasingly older society, it would be prudent for health care providers to better prepare for such changes. By including physiology, disease, nutrition, pharmacology, pathology, radiology and other relevant associated topics, Geriatric Gastroenterology fills the void in the literature for a volume devoted specifically to gastrointestinal illness in the elderly. This unique volume includes provision of training for current and future generations of physicians to deal with the health problems of older adults. It will also serve as a comprehensive guide to practicing physicians for ease of reference. Relevant to the geriatric age group, the volume covers epidemiology, physiology of aging, gastrointestinal physiology, pharmacology, radiology, pathology, motility disorders, luminal disorders, hepato-biliary disease, systemic manifestations, neoplastic disorders, gastrointestinal bleeding, cancer and medication related interactions and adverse events, all extremely common in older adults; these are often hard to evaluate and judge, especially considering the complex aging physiology. All have become important components of modern medicine. Special emphasis is be given to nutrition and related disorders. Capsule endoscopy and its utility in the geriatric population is also covered. Presented in simple, easy to read style, the volume includes numerous tables, figures and key

points enabling ease of understanding. Chapters on imaging and pathology are profusely illustrated. All chapters are written by specialists and include up to date scientific information. Geriatric Gastroenterology is of great utility to residents in internal medicine, fellows in gastroenterology and geriatric medicine as well as gastroenterologists, geriatricians and practicing physicians including primary care physicians caring for older adults.

Dr. Babasaheb Ambedkar, Writings and Speeches - Bhimrao Ramji Ambedkar 1995

Textbook of Respiratory Medicine - John Frederic Murray 2000

Plant Biotechnology and Genetics - C. Neal Stewart, Jr. 2012-12-13

Designed to inform and inspire the next generation of plant biotechnologists Plant Biotechnology and Genetics explores contemporary techniques and applications of plant biotechnology, illustrating the tremendous potential this technology has to change our world by improving the food supply. As an introductory text, its focus is on basic science and processes. It guides students from plant biology and genetics to breeding to principles and applications of plant biotechnology. Next, the text examines the critical issues of patents and intellectual property and then tackles the many controversies and consumer concerns over transgenic plants. The final chapter of the book provides an expert forecast of the future of plant biotechnology. Each chapter has been written by one or more leading practitioners in the field and then carefully edited to ensure thoroughness and consistency. The chapters are organized so that each one progressively builds upon the previous chapters. Questions set forth in each chapter help students deepen their understanding and facilitate classroom discussions. Inspirational autobiographical essays, written by pioneers and eminent scientists in the field today, are interspersed throughout the text. Authors explain how they became involved in the field and offer a personal perspective on their contributions and the future of the field. The text's accompanying CD-ROM offers full-color figures that can be used in classroom presentations with other teaching aids available online. This text is recommended for junior- and senior-level courses in plant biotechnology or plant genetics and for courses devoted to special topics at both the undergraduate and graduate levels. It is also an ideal reference for practitioners.

Surgical Techniques in Otolaryngology - Head & Neck Surgery: Sinonasal Surgery - Spencer C Payne 2015-03-31

Sinonasal Surgery is part of the popular series Surgical Techniques in Otolaryngology - Head & Neck Surgery. This volume is a practical guide for otolaryngologists providing an overview of the most common, and some of the more advanced procedures performed in nose and sinus surgery. Edited by a team of recognised US based otolaryngologists, this authoritative atlas is unique in its scope. The book first outlines the basic principles of rhinologic practice, followed by sections on Inflammatory Sinus Disease, Adjunctive Surgical Procedures, Nasal Tumours and Endoscopic Skull Base Surgery. Each chapter presents an evidence-based approach to the development of each surgical procedure, and a description of the techniques, with intraoperative photographs and discussion on the benefits and pitfalls of each one. Additional descriptions of newer surgical methods such as balloon dilation of the sinuses, endoscopic transodontoid approaches, and nasopharyngectomy, make Sinonasal Surgery an up-to-date, essential text for the practising otolaryngologist. Key points Edited by US-based team of ENT specialists Part of an authoritative series Surgical Techniques in Otolaryngology-Head & Neck Surgery Other topics in this comprehensive series include: Head and Neck Surgery, Otologic and Neurotologic Surgery, Laryngeal Surgery, Pediatric Otolaryngologic Surgery and Facial Plastic and Reconstructive Surgery

Jewish Law and Contemporary Issues - J. David Bleich 2015-09-18

This book presents a series of authoritative discussions of the application of Jewish tradition to contemporary social and political issues.

Radio Frequency and Microwave Electronics Illustrated - Matthew M. Radmanesh 2001

Foreword by Dr. Asad Madni, C. Eng., Fellow IEEE, Fellow IEE Learn the fundamentals of RF and microwave electronics visually, using many thoroughly tested, practical examples RF and microwave technology are essential throughout industry and to a world of new applications-in wireless communications, in Direct Broadcast TV, in Global Positioning System (GPS), in healthcare, medical and

many other sciences. Whether you're seeking to strengthen your skills or enter the field for the first time, Radio Frequency and Microwave Electronics Illustrated is the fastest way to master every key measurement, electronic, and design principle you need to be effective. Dr. Matthew Radmanesh uses easy mathematics and a highly graphical approach with scores of examples to bring about a total comprehension of the subject. Along the way, he clearly introduces everything from wave propagation to impedance matching in transmission line circuits, microwave linear amplifiers to hard-core nonlinear active circuit design in Microwave Integrated Circuits (MICs). Coverage includes: A scientific framework for learning RF and microwaves easily and effectively Fundamental RF and microwave concepts and their applications The characterization of two-port networks at RF and microwaves using S-parameters Use of the Smith Chart to simplify analysis of complex design problems Key design considerations for microwave amplifiers: stability, gain, and noise Workable considerations in the design of practical active circuits: amplifiers, oscillators, frequency converters, control circuits RF and Microwave Integrated Circuits (MICs) Novel use of "live math" in circuit analysis and design Dr. Radmanesh has drawn upon his many years of practical experience in the microwave industry and educational arena to introduce an exceptionally wide range of practical concepts and design methodology and techniques in the most comprehensible fashion. Applications include small-signal, narrow-band, low noise, broadband and multistage transistor amplifiers; large signal/high power amplifiers; microwave transistor oscillators, negative-resistance circuits, microwave mixers, rectifiers and detectors, switches, phase shifters and attenuators. The book is intended to provide a workable knowledge and intuitive understanding of RF and microwave electronic circuit design. Radio Frequency and Microwave Electronics Illustrated includes a comprehensive glossary, plus appendices covering key symbols, physical constants, mathematical identities/formulas, classical laws of electricity and magnetism, Computer-Aided-Design (CAD) examples and more. About the Web Site The accompanying web site has an "E-Book" containing actual design examples and methodology from the text, in Microsoft Excel environment, where files can easily be manipulated with fresh data for a new design.

Leadership Development for Interprofessional Education and Collaborative Practice - D. Forman 2014-02-04

Leadership Development of Interprofessional Education and Collaborative Practice is an edited compilation of chapters written by international medical and health professional experts. The book provides historical and current perspectives on leadership in healthcare.

Absence of Excess Body Fatness - International Agency for Research on Cancer 2019-07-27

A Working Group of 21 independent experts from 8 countries, convened by the International Agency for Research on Cancer (IARC) in April 2016, reviewed the scientific evidence and assessed the cancer-preventive effects of the absence of excess body fatness. The mean body mass index (BMI) in the adult population has increased dramatically worldwide over the past 40 years, and IARC recently estimated that close to 4% of all new cancer cases in adults were attributable to a high BMI; the number of cases is highest in high-income countries and is expected to rise in low- and middle-income countries. This publication provides an important update of the 2002 IARC Handbook on Weight Control and Physical Activity, with evidence-based evaluation of the association between excess body fatness and cancer at more than 20 sites. In addition, the Working Group reviewed the evidence on childhood obesity and cancer in later life, the impact of excess body fatness in cancer patients on cancer survival and recurrence, and the few intervention studies of weight control on cancer outcome.

Performance Automotive Engine Math - John Baechtel 2011

Multi-time author and well-regarded performance engine builder/designer John Baechtel has assembled the relevant mathematics and packaged it all together in a book designed for automotive enthusiasts. This book walks readers through the complete engine, showcasing the methodology required to define each specific parameter, and how to translate the engineering math to hard measurements reflected in various engine parts. Designing the engine to work as a system of related components is no small task, but the ease with which Baechtel escorts the reader through the process makes this book perfect for both the budding engine enthusiast and the professional builder.

Business Transformation Strategies - Oswald A J Mascarenhas 2011-02-14

A resource for industry professionals and consultants, this book on corporate strategy lays down the

theories and models for revitalizing companies in the face of global recession. It discusses cutting-edge concepts, constructs, paradigms, theories, models, and cases of corporate strategic leadership for bringing about transformation and innovation in companies. Each chapter in the book is appended with transformation exercises that further explicate the concepts.

Female Sexual Pain Disorders - Andrew T. Goldstein 2011-09-23

First book devoted to the diagnosis and treatment of sexual pain in women Female Sexual Pain Disorders is a remarkable fusion of clinical and scientific knowledge that will empower women's healthcare professionals to help their patients in overcoming this common debilitating disorder. Based on the highest level research, it provides state-of-the-art practical guidance that will help you to: Evaluate and distinguish the causes of sexual pain in women Differentiate the many forms of sexual pain Implement multidisciplinary treatments Distilling the experience of world leaders across many clinical, therapeutic and scientific disciplines, with an array of algorithms and diagnostic tools, Female Sexual Pain Disorders is your ideal companion for treating the many millions of women who suffer from this disorder worldwide. All proceeds from this book are being donated to the International Society for the Study of Women's Sexual Health (ISSWSH).

Melanoma - Adam I. Riker 2018-06-06

This text serves as a very useful clinical guide and realistic approach to the clinical management of melanoma. Primary care physicians, specialists from varying areas of medical practice and numerous other healthcare providers will find this text to be quite useful as a standard daily reference and use in the office setting. It provides a clear and concise source of information in order to make real-life, evidence-based decisions for all aspects of management for cutaneous melanoma. This book also provides the latest breakthroughs in melanoma research, ranging from recent discoveries in genomics and epigenetics, to newly identified genes that have been selectively targeted for the development of a personalized approach to treatment. All chapters are written by specialists and true experts within their respective fields, incorporating the latest scientific, clinical and evidence-based medicine for melanoma (and non-melanoma skin cancers). This up-to-date information can be easily applied and translated to the clinical setting for the melanoma patient.

Pediatric Dysphagia - Julina Ongkasuwan 2019-01-25

Pediatric dysphagia is a clinical problem that crosses disciplines. Children may be seen by numerous medical specialties including pediatric otolaryngology, gastroenterology, pulmonology, speech pathology, occupational therapy, and lactation consultants. The myriad approaches to the diagnosis and management of dysphagia is confusing for both clinicians and families; resulting in recurrent trips to medical professionals. Feeding is integral to socialization and to bonding between infants and parents. Disruptions in feeding development can be extremely taxing emotionally and economically for families. Children with dysphagia are some of the most challenging patients even for clinicians who specialize in their care. This text provides the reader with a comprehensive understanding of swallowing and presents a practical, evidence-based approach to the diagnosis and management of swallowing difficulties in children. It also highlights particular clinical challenges and controversies in the management of pediatric dysphagia. It is unique in that it incorporates the perspectives of multiple types of clinicians that care for these patients including otolaryngologists, gastroenterologists, pulmonologists, speech pathologists, occupational therapists and lactation consultants. In doing so, this text will encourage cross-specialty pollination of ideas and knowledge as well as stimulate further research in the field. Part 1 of the text begins with an overview of the anatomy and physiology of swallowing with a focus on normal development as we currently understand it. It also discusses new information regarding reflexive interactions between the larynx and esophagus that potentially influence swallowing. It then moves on to a discussion of the advantages and limitations of currently available diagnostic modalities and highlights current controversies regarding frame rate, radiation exposure, breastfeeding infants, and grading of studies. Additionally, it reviews the current literature regarding medical and behavioral-based therapy options, including thickening options, oromotor therapy, and controversies concerning strict NPO. Part 2 addresses specific diagnoses which can cause or be associated with dysphagia such as prematurity, velopharyngeal insufficiency, ankyloglossia, laryngeal clefts, laryngomalacia, vocal fold paralysis, and cricopharyngeal dysfunction. The text goes on to

explore the pathophysiology and treatment options for each. Anatomic, inflammatory, and neuromuscular esophageal causes of dysphagia are also evaluated. In addition, it delves into the impact of craniofacial anomalies, sialorrhea and psychological factors on swallowing. Finally, it discusses how a multidisciplinary aerodigestive team can help streamline multidisciplinary care for individual patients. It will incorporate information pertinent to the different roles, tools and views of a multidisciplinary dysphagia team, including how pediatric otolaryngologists, gastroenterologists, pulmonologists, speech language pathologists, occupational therapists, and dieticians can collaborate to provide optimal evaluation and care of these often challenging patients, especially for those who are at high-risk of complications related to aspiration.

Cloherty and Stark's Manual of Neonatal Care - Anne R. Hansen 2016-10-11

Concise and easy to read, this popular manual has provided a practical approach to the diagnosis and medical management of problems in the newborn through seven outstanding editions. The Eighth Edition of Cloherty and Stark's Manual of Neonatal Care maintains that tradition of excellence, offering NICU physicians, neonatal-perinatal fellows, residents, and neonatal nurse practitioners quick access to key clinical information, fully updated to reflect recent advances in the field. Written in an easy-access outline format, this extensively revised edition covers current, practical approaches to the evaluation and management of routine and complex conditions encountered in the fetus and the newborn.

Diarrhea - Stefano Guandalini 2010-10-17

This volume provides in a conveniently accessible package a comprehensive collection of accurate and timely information on the management of patients with diarrhea, both in pediatric age and in the adult. As medical knowledge has recently expanded in this area, this volume is full of new practical, clinically useful material for the busy clinician. Illustrations are emphasized to permit rapid acquisition of practical information that is not readily available in the major texts. Each chapter is concise, concentrating on "clinical pearls," and new advances in diagnostic and therapeutic technology. Each chapter discusses the relative costs of diagnostic and therapeutic options to permit financial considerations to be taken into account in the decision making process. Additional unique features include, summaries of key points, recommendations, and indications for requesting GI subspecialty consultation. Providing a comprehensive but practical overview of the issues surrounding the diarrheal diseases, this volume will prove of great value and utility to gastroenterologists, surgeons, internists, primary care physicians.

Integrative Pain Medicine - Joseph F. Audette 2008-02-26

This important book fills a need in the developing area of Pain Medicine. It provides physicians with an up-to-date resource that details the current understanding about the basic science underlying the mechanism of action of the various CAM therapies used for pain. It summarizes the clinical evidence both for efficacy and safety, and finishes with practical guidelines about how such treatments could be successfully and safely integrated into a Pain practice.

David Vizard's How to Port and Flow Test Cylinder Heads - David Vizard 2012

Author Vizard covers blending the bowls, basic porting procedures, as well as pocket porting, porting the intake runners, and many advanced procedures. Advanced procedures include unshrouding valves and developing the ideal port area and angle.

Down the Dart - D. Lee Pitcairn 1875

Ketamine - Karl Jansen 2004

"Karl Jansen's book Ketamine, Dreams, and Realities is a goldmine of information on this fascinating substance that combines in a unique way the properties of an anesthetic and a psychedelic. It is clearly written, well researched and documented, and presents a balanced and objective view point. The author's broad perspective that covers all the aspects of Ketamine from pharmacology to its use in raves makes this book interesting for clinicians and researchers, as well as the general public." - Stan Grof, M.D., author of Psychology of the Future: Lessons From Modern Consciousness Research; LSD Psychotherapy "Indispensable reading for those with any interest in ketamine. Entertaining, thought-provoking, and thorough." - Rick Strassman, M.D., author of DMT: The Spirit Molecule: A Doctor's Revolutionary Research into the Biology of Near-Death and Mystical Experiences "It is an excellent book... a well done comprehensive review of the entire history of ketamine." - Evgeny Krupitsky, M.D., Ph.D. Pioneer

researcher into the use of ketamine-assisted psychotherapy in the treatment of alcoholism and heroin addiction.

Modern Engine Blueprinting Techniques - Mike Mavrigian 2013

Engine production for the typical car manufactured today is a study in mass production. Benefits in the manufacturing process for the manufacturer often run counter to the interests of the end user. What speeds up production and saves manufacturing costs results in an engine that is made to fall within a wide set of standards and specifications, often not optimized to meet the original design. In short, cheap and fast engine production results in a sloppy final product. Of course, this is not what enthusiasts want out of their engines. To maximize the performance of any engine, it must be balanced and blueprinted to the exact tolerances that the factory should have adhered to in the first place. Four cylinder, V-8, American or import, the performance of all engines is greatly improved by balancing and blueprinting. Dedicated enthusiasts and professional racers balance and blueprint their engines because the engines will produce more horsepower and torque, more efficiently use fuel, run cooler and last longer. In this book, expert engine builder and veteran author Mike Mavrigian explains and illustrates the most discriminating engine building techniques and perform detailed procedures, so the engine is perfectly balanced, matched, and optimized. Balancing and blueprinting is a time consuming and exacting process, but the investment in time pays off with superior performance. Through the process, you carefully measure, adjust, machine and fit each part together with precision tolerances, optimizing the design and maximizing performance. The book covers the block, crankshaft, connecting rods, pistons, cylinder heads, intake manifolds, camshaft, measuring tools and final assembly techniques. For more than 50 years, balancing and blueprinting has been an accepted and common practice for maxi

Apex Legends: Pathfinder's Quest (Lore Book) - Respawn Entertainment 2021-02-02

Explore the world of the hit game through the eyes of the lovable robot, Pathfinder, as he chronicles his journey throughout the various environs of the Outlands to interview his fellow Legends -- all in the hope of finally locating his mysterious creator. The rich history of Apex Legends is explained by the characters that helped to shape it, as are their unique bonds of competition and camaraderie.

Physiology in Sleep - John Orem 2012-12-02

Physiology in Sleep provides the physiological definition of sleep and presents the philosophical approach to sleep that departs from pharmacological and neurophysiological theories of sleep. This book discusses the effects of sleep on cardiovascular and respiratory function, cerebral metabolism and blood flow, as well as temperature regulation. Comprised of eight chapters, this text starts with an overview of the cardiovascular changes that occur during sleep and its direct relevance to human physiology and disease. This book then explores the variety of sleep stages, characteristics, and possible functions. Other chapters consider the evidence of nyctohemeral rhythmicity in man's hormones that subserve growth, maturation, nurture, reproduction, mineral metabolism, energy regulation, adaptation, and survival. This book further discusses the gastric, esophageal, and intestinal functioning during sleep. The final chapter explores the sleep apnea syndromes and some examples of the sudden infant death syndrome. This book is intended for

readers seeking a detailed account of physiology in sleep.

Advances in Experimental Surgery - Paulo N. Martins 2017-11

Experimental surgery is an important link for the development in clinical surgery, research and teaching. Experimental surgery was part of the most important surgical discoveries in the past century. Since 1901 nine Nobel Prizes have been awarded to the pioneers had remarkable achievements in the basic or practical surgery. In recent 20 years, experimental surgery has achieved new advances, like laparoscopic and robotic surgery, tissue engineering, and gene therapy which are widely applied in clinic surgery. The present book covers wide experimental surgery in preclinical research models subdivided in two volumes. Volume I introduces surgical basic notions, techniques, and different surgical models involved in basic experimental surgery and review the biomechanical models, ischemia/reperfusion injury models, repair and regeneration models, and organ and tissue transplantation models, respectively. Volume II introduces several specific experimental models such as laparoscopic and bariatric experimental surgical models. The second volume also introduces graft-versus-host disease, and other experimental models. Review the advances and development of recent techniques such as tissue engineering, organ preservation, wound healing and scarring, gene therapy and robotic surgery. The book documents the enormous volume of knowledge we have acquired in the field of experimental surgery. In this book, we have invited experts from the United States, Canada, France, Germany, China, Japan, Korea, UK, Sweden, Netherland, Hungary and Turkey to contribute 36 chapters in the fields of their expertise. These two volumes are the compilation of basic experimental surgery and updated advances of new development in this field that will be invaluable to surgeons, residents, graduate students, surgical researchers, physicians, immunologists, veterinarians and nurses in surgery.

Berman's Pediatric Decision Making E-Book - Lalit Bajaj 2011-08-08

Berman's Pediatric Decision Making uses an algorithmic, structured approach to lead you to the right diagnosis and treatment every time. Drs. Lalit Baja, Simon Hambidge, Ann-Christine Nyquist, and Gwendolyn Kerby use evidence-based research and flow charts for each presenting complaint or specific disorder to provide quick access to the information you need for effective decision making. With updated drug tables and revised algorithms, this streamlined new edition makes it even easier for you to diagnose and manage common clinical problems from infancy through adolescence. Rapidly access guidance on diagnosis and management from algorithms for each clinical disorder. Treat the full range of diseases and disorders with comprehensive coverage of diagnosis, assessment of severity, and clinical management. Choose the best treatment for each case thanks to indications for surgical interventions as well as expensive diagnostic procedures Stay current on recent developments and make effective decisions for movement disorders, physical abuse in children, sexual abuse in children, eating disorders, ADHD, and other hot topics. Find answers quickly and easily with a new table of contents organized into two sections—Presenting Complaints and Specific Disorders—that reduces the need to flip between chapters. Tap into the diverse perspectives of expert authors from all over the country. Get only the information you need in the streamlined new edition with shorter, more user-friendly flow diagrams and fewer specialized chapters.